

1. (Currently amended) A collapsible vehicle safety seat kinematically restraining occupant's body while maintaining propulsive characteristics and positioning occupants in an optimum seating position during car impact modes, the seat comprising, in combination:

a movable seat cushion interacting with an actuator pivot frame and a movable internal seat cushion frame;

a movable seat back and headrest interacting with a movable internal seat back frame and an upper movable link;

a stationary internal seat frame engaged with said movable, internal seat back frame and said movable internal seat cushion frame allowing vertical rotation;

an actuator pivot frame interconnecting said movable internal seat cushion frame ~~seat frame~~;

an electronic activation means for vertical movement of said actuator pivot frame wherein said electronic activation means comprises an electronically operated actuator allowing said movable seat cushion, said seat back and said headrest instant vertical movement from a stationary to a deployed position creating a zone restraining said occupants kinematics during impact;

a support structure having opposing lateral first and second sides interconnecting said movable internal seat back frame and said movable internal seat cushion frame by a lower

and upper pivot pin and a movable bolt;

a guide slot interposed on said sides of said support structure for ~~said~~ movable bolt travel, ~~said movable bolt engaged with a belt allowing vertical movement;~~

an actuator spring fixedly secured on a bracket;

an encapsulated support structure bottom plate cooperative with a plurality of isolation pans containing a resilient material, said plurality of isolation pans attached to a seat adjusting mechanism.

2. (Cancelled)

Rule 126 → 3. (Previously presented) The collapsible seat in accordance with Claim 1, wherein said electronically operated actuator comprises a car crash sensor and collision avoidance feature automatically activating said actuator pivot frame and said movable internal seat cushion frame and said movable internal seat back frame to interact with said movable seat cushion, said seat back and said headrest creating said zone restraining occupants kinematics.

4. (Previously presented) The collapsible seat in accordance with Claim ³2, wherein said electronically operated actuator further comprises an electronically controlled trigger providing force from a biasing means, electromagnetic or pyrotechnic, to create said zone between said stationary internal seat frame and said movable seat cushion, seat back and

headrest.

⁵/~~4~~. (Currently amended) The collapsible seat for restraining occupants kinematics in accordance with Claim ⁴/~~8~~, wherein said means to collapse said collapsible seat comprises an actuator pivot link and movable bolt traveling vertically into the guide slot interposing on ~~the~~ both sides of said support structure.

⁶/~~8~~. (Currently amended) The collapsible seat for restraining occupants kinematics in accordance with Claim 1 wherein said plurality of isolation pans attached to said seat adjustment mechanism and support structure isolate said collapsible seat from an impacted vehicle to diminish said seat reaction to the impact.

⁷/~~8~~. (Currently amended) The collapsible seat for restraining occupants kinematics in accordance with Claim ⁶/~~8~~, wherein said plurality of isolation pans contain resilient material for ~~the~~ absorption of crash energy and minimalization of interaction between said seat and said vehicle.